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ABSTRACT

The consortium approach to planning and managing academic programs in technology at Indiana University and Purdue University is discussed. Of the eight campuses of Indiana University, three have a guest/host agreement with Purdue. Purdue's School of Technology provides career educational opportunities to students who have application-oriented technological interests and aptitudes. Close liaison with employers and graduates provides feedback to evaluate and update programs. The School of Technology has also established advisory committees at sites in the state where programs in technology are offered. Three types of advisory committees commonly used by each of the respective campuses are: general advisory board (institutional), program advisory board (specific programs), and ad hoc advisory boards or committees (special or temporary). Indiana University has formed a consortium with Indiana Vocational Technical Institute and the local school corporations. One objective is to assess the educational needs of high technology industries in North Central Indiana. Information is provided on matters about which committees advise the faculty and administration and or arrangements for guest/host agreements, including human, fiscal, and physical resources. (SW)

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A CONSORTIUM EFFORT WITH INDUSTRIAL LINKAGES

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HIGH TECHNOLOGICAL CHANGES ARE AFFECTING GREATLY THE WORLD'S ECONOMY. THE FOUNDATION OF THE FUTURE IS NEW TECHNOLOGY; THEREFORE, THE FUTURE WILL BE DEPENDENT UPON THE EDUCATED AND OUR INVESTMENTS IN THE HUMAN INTELLECT. THE ADVANCEMENT OF SCIENCE FROM WHICH NEW TECHNOLOGIES EMERGE AND THE SKILLED ENGINEERS AND TECHNOLOGISTS ON WHICH OUR CONTEMPORARY SOCIETY RESTS ARE DEPENDENT UPON COLLEGES AND UNIVERSITIES.

INDIANA UNIVERSITY HAS TRADITIONALLY OFFERED PROGRAMS IN THE LIBERAL ARTS AND SELECTED PROFESSIONAL FIELDS WHILE PURDUE IS THE LAND-GRANT INSTITUTION OFFERING PROGRAMS IN AGRICULTURE, ENGINEERING, AND TECHNOLOGY. INDIANA UNIVERSITY AND PURDUE UNIVERSITY HAVE DEVELOPED A COOPERATIVE ARRANGEMENT TO DELIVER ACADEMIC PROGRAMS IN TECHNOLOGY TO THE RESIDENTS OF THE STATE OF INDIANA. OF THE EIGHT

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CAMPUSES OF INDIANA UNIVERSITY, EAST, SOUTHEAST, AND KOKOMO HAVE A GUEST/HOST AGREEMENT WITH PURDUE. FOR INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS, INDIANA UNIVERSITY IS THE FISCAL AGENT FOR ALL PROGRAMS, AND FOR INDIANA UNIVERSITY-PURDUE UNIVERSITY AT FORT WAYNE, PURDUE UNIVERSITY IS THE FINANCIAL CONDUIT. EACH OF THESE ARRANGEMENTS ARE ADMINISTERED DIFFERENTLY. RECENTLY, THE COMMISSION ON HIGHER EDUCATION APPROVED A PROPOSAL FOR PURDUE TO OFFER A STATEWIDE SYSTEM OF TECHNOLOGY WHICH WOULD PERMIT BOTH PUBLIC AND INDEPENDENT COLLEGES AND UNIVERSITIES THROUGHOUT THE STATE TO SERVE AS BROKERS FOR OR DELIVERERS OF TECHNICAL PROGRAMS.

THE MISSION OF THE SCHOOL OF TECHNOLOGY AT PURDUE IS TO PROVIDE CAREER EDUCATIONAL OPPORTUNITIES TO STUDENTS WHOSE TECHNOLOGICAL INTERESTS AND APTITUDES ARE ESSENTIALLY APPLICATION-ORIENTED. THE SCHOOL IS ALSO INVOLVED IN RELATED APPLIED RESEARCH AND SERVICE ACTIVITIES. THE GOAL IS TO PRODUCE COLLEGE GRADUATES WITH SALABLE SKILLS WHO ARE OCCUPATIONALLY READY AND HAVE THE POTENTIAL FOR GROWTH

TO MEET DEFINED TECHNICAL MANPOWER NEEDS, PRIMARILY FOR INDIANA BUSINESS, INDUSTRIAL, AND SERVICE AGENCIES. ASSOCIATE AND BACHELOR'S DEGREES ARE OFFERED IN THE FOLLOWING AREAS; AVIATION TECHNOLOGY, COMPUTER TECHNOLOGY, CONSTRUCTION, ELECTRICAL ENGINEERING TECHNOLOGY, MECHANICAL ENGINEERING TECHNOLOGY, SUPERVISION, AND COMPUTER INTEGRATED MANUFACTURING.

THE SCHOOL, ALSO, PROVIDES PROFESSIONALLY PREPARED TEACHERS AND LEADERSHIP PERSONNEL FOR THE FIELDS OF INDUSTRIAL AND VOCATIONAL EDUCATION. TO ACHIEVE THESE GOALS, AN EMPHASIS IS PLACED ON MEETING STUDENT NEEDS THROUGH APPROPRIATE COUNSELING, AS WELL AS CLASSROOM, LABORATORY TEACHING, COOPERATIVE EDUCATION, AND OTHER RELEVANT LEARNING EXPERIENCES. THE GRADUATES OF THE PROGRAMS POSSESS TECHNICAL KNOWLEDGE AND SKILLS, AS WELL AS A STRONG FOUNDATION IN THE LIBERAL ARTS.

GRADUATES OF PURDUE'S PROGRAMS IN TECHNOLOGY WITH EITHER THE ASSOCIATE OR BACHELOR'S DEGREE ARE IMMEDIATELY EMPLOYABLE BY

INDUSTRY, AND THERE HAS BEEN A HIGH DEMAND FOR THESE STUDENTS. MANY BECOME FIRST LINE SUPERVISORS IN PLANTS OR FILL A BROAD SPECTRUM OF OTHER POSITIONS THROUGHOUT BUSINESS AND INDUSTRY. THE DEMAND FOR THESE INDIVIDUALS IS REFLECTED IN HIGH STARTING SALARIES EVEN FOR THOSE WITH THE TWO YEAR ASSOCIATE DEGREE AND THE NEARLY 100% PLACEMENT OF GRADUATES. MANY STUDENTS MOVE INTO THE LABOR FORCE WITH THE ASSOCIATE DEGREE AND, THEN, CONTINUE TOWARD A BACHELOR'S DEGREE ON A PART-TIME BASIS.

INDIANA AND REGIONAL MANPOWER NEEDS, OCCUPATIONAL OPPORTUNITIES AND QUALIFICATIONS, EDUCATIONAL REQUIREMENTS, AND STUDENT INTERESTS ARE CONTINUOUSLY SURVEYED BY THE SCHOOL'S OFFICE OF MANPOWER STUDIES. CLOSE LIAISON WITH EMPLOYERS AND GRADUATES PROVIDES FEEDBACK INFORMATION TO EVALUATE AND UPDATE PROGRAMS. NEW PROGRAMS ARE CONSIDERED PRIMARILY ON THE BASIS OF FUTURE CAREER OPPORTUNITIES, EMPLOYERS' NEEDS, STUDENT INTEREST, EMPLOYMENT SUCCESS AND CAREER PROGRESS OF GRADUATES, AND THE AVAILABILITY OF RESOURCES.

THE SCHOOL OF TECHNOLOGY HAS ALSO ESTABLISHED ADVISORY COMMITTEES AT EACH OF THE SITES THROUGHOUT THE STATE WHERE PROGRAMS IN TECHNOLOGY ARE OFFERED. EACH INDIANA UNIVERSITY CAMPUS HAS COMMITTEES OF BUSINESS, INDUSTRIAL, AND CIVIC LEADERS WHO SERVE AS A BRIDGE TO THE EXTERNAL PUBLIC AND HELP ASSURE THE QUALITY AND SUCCESS OF THE PROGRAMS IN TECHNOLOGY. BASICALLY, THE COMMITTEES ADVISE THE FACULTY AND ADMINISTRATION ON MATTERS AS FOLLOWS:

.TO PROVIDE CONSULTATION CONCERNING DESIGNATED ADMINISTRATIVE PROBLEMS WHICH ARE OF GLOBAL SIGNIFICANCE TO THE INSTITUTION.

.TO SERVE IN AN ADVISORY CAPACITY ON CURRICULAR PROGRAM DESIGN AND DIRECTIONS; I.E., ON MATTERS RELATED TO: A) NEED AND REQUIREMENTS FOR NEW DEGREE PROGRAMS AND PROGRAMMATIC OPTIONS, AND B) THE MAINTENANCE, IMPROVEMENT, AND ACCREDITATION OF EXISTING PROGRAMS.

.TO IDENTIFY ATTRIBUTES AND CHARACTERISTICS NEEDED BY GRADUATES TO PERFORM SATISFACTORILY IN THE WORLD OF BUSINESS AND INDUSTRY,

SOCIAL ORGANIZATIONS, AND HEALTH AGENCIES, AND TO ASSIST IN THE PLACEMENT OF GRADUATES.

.TO ASSIST IN DEVELOPING POTENTIAL FIELD, CLINICAL, OR COOPERATIVE EDUCATION PROGRAMS; I.E., PROVIDE OR ASSIST IN DEVELOPING SITES FOR STUDENTS.

.TO EVALUATE PERFORMANCE OF INTERNS OR GRADUATES AND RECOMMEND SUGGESTED CHANGES IN THE PROGRAMS AS A RESULT OF THIS EVALUATIVE PROCESS.

.TO ESTABLISH A COMMUNICATION LINKAGE WITH THE COMMUNITY AND TO AID IN THE OVERALL PUBLIC RELATIONS EFFORT.

.TO RECOMMEND EQUIPMENT SELECTION AND LABORATORY DESIGN OR TO PROVIDE ACCESS TO SPECIALIZED LABORATORIES AND EQUIPMENT NOT NORMALLY FOUND ON CAMPUS.

.TO CREATE A GREATER AWARENESS AND VISIBILITY OF THE COLLEGE IN THE COMMUNITY, STATE, AND NATION.

.TO PROVIDE IN-SERVICE PROGRAMS FOR FACULTY AND STAFF.

.TO DESIGNATE CRITERIA FOR SELECTION OF STUDENTS, AND TO ASSIST IN IDENTIFYING STUDENT MARKETS AND IN RECRUITING STUDENTS.

.TO BRING CREDIBILITY TO INSTITUTIONAL PROGRAMS AND TO PROVIDE CONSULTANTS, PART-TIME FACULTY AND STAFF, AND GUEST SPEAKERS.

.TO ASSIST IN THE BROADENING OF THE COLLEGE'S FINANCIAL BASE AND TO PROVIDE SCHOLARSHIPS AND AWARDS FOR OUTSTANDING STUDENTS.

.TO AID IN THE RECRUITMENT OF FACULTY. IN SOME CASES, JOINT APPOINTEES MIGHT BE MADE BETWEEN BUSINESSES, AGENCIES, OR ORGANIZATIONS AND INSTITUTIONS OF HIGHER EDUCATION.

.TO ASSIST IN THE DEVELOPMENT OF SHORT-TERM AND LONG-RANGE PLANS.

.TO SERVE AS A RESERVOIR OF TALENT FROM WHICH TO DRAW FUTURE TRUSTEES.

THE FOLLOWING THREE TYPES OF ADVISORY COMMITTEES ARE QUITE COMMONLY USED BY EACH OF THE RESPECTIVE CAMPUSES:

A. GENERAL ADVISORY BOARD - (INSTITUTIONAL)

THE GENERAL ADVISORY BOARD IS APPOINTED TO ADVISE THE FACULTY AND ADMINISTRATION ABOUT THE MAINTENANCE, EXTENSION, AND IMPROVEMENT OF THE TOTAL EDUCATIONAL AND ADMINISTRATIVE PROCESS.

THE PRIMARY FUNCTION IS TO ASSIST THE UNIVERSITY IN RESPONDING MOST EFFECTIVELY TO THE EDUCATIONAL NEEDS OF THE VARIOUS SERVICE AREAS OF THE COLLEGE. IN FULFILLING THESE RESPONSIBILITIES, THE BOARD MEMBERS HELP TO MAINTAIN QUALITY ACADEMIC PROGRAMS AND TO HELP INSURE SUPPORT BY THE COMMUNITY. THE BOARD MEMBERS INTERPRET THE NEEDS OF BUSINESS AND INDUSTRY, SOCIAL ORGANIZATIONS, AND HEALTH AGENCIES; UNDERSTAND THE OBJECTIVES OF POSTSECONDARY EDUCATION; AND GIVE OF THEIR

TIME WHEN CALLED UPON TO PERFORM COMMITTEE ASSIGNMENTS.

B. PROGRAM ADVISORY BOARD - (SPECIFIC PROGRAMS)

THE PROGRAM ADVISORY BOARD OR COMMITTEE WORKS AT THE INDIVIDUAL PROGRAM LEVEL, AND IT IS CONCERNED WITH MATTERS SUCH AS CURRICULAR CONTENT, EQUIPMENT, FACILITIES, AND PLACEMENT OF GRADUATES. MEMBERS REPRESENT EACH CURRICULAR AREA OF CONCENTRATION IN THE PROGRAM. MEMBERS OF THE PROGRAM ADVISORY BOARDS HAVE RECENT, SUCCESSFUL, PRACTICAL EXPERIENCE IN THE AREA SERVED BY THE PROGRAM OR IS VERY KNOWLEDGEABLE ABOUT THE PROGRAM.

C. AD HOC ADVISORY BOARDS OR COMMITTEES - (SPECIAL OR TEMPORARY)

AD HOC ADVISORY BOARDS OR COMMITTEES ARE GENERALLY OF A SHORT-TERM NATURE. THEY ARE APPOINTED AND ORGANIZED FOR A SPECIFIC PURPOSE, SUCH AS PRE-OPERATIONAL PROGRAM PLANNING, ANY SPECIAL PROBLEM THAT MAY ARISE DURING THE DEVELOPMENT

OR OPERATION OF A PROGRAM, OR TO DEAL WITH SPECIFIC ADMINISTRATIVE ISSUES OR CONCERNS. FOLLOWING THE COMPLETION OF THE SPECIFIC ASSIGNMENT, THE AD HOC BOARD OR COMMITTEE IS TERMINATED. HOWEVER, MEMBERS MAY BE FURTHER UTILIZED AS MEMBERS OF ONGOING FORMAL ADVISORY COMMITTEES.

A CONSORTIUM EFFORT

INDIANA UNIVERSITY AT KOKOMO, ALSO, HAS FORMED A CONSORTIUM WITH INDIANA VOCATIONAL TECHNICAL INSTITUTE AND THE LOCAL SCHOOL CORPORATIONS WITHIN THE AREA. ONE ACTIVITY OF THE CONSORTIUM IS TO ASSESS THE EDUCATIONAL NEEDS OF HIGH TECHNOLOGY INDUSTRIES IN NORTH CENTRAL INDIANA. REPRESENTATIVES OF THE CONSORTIUM MEET REGULARLY WITH KEY PERSONS FROM LARGE AND SMALL "HIGH TECH" COMPANIES. A DETERMINATION WAS MADE ABOUT THE ACADEMIC PROGRAMS CURRENTLY BEING OFFERED BY THE EDUCATIONAL INSTITUTIONS. ADDITIONALLY, THE COMPANIES HAVE ASSESSED THEIR OWN PRESENT AND FUTURE EDUCATIONAL NEEDS, AND

THESE NEEDS ARE BEING TRANSLATED INTO EDUCATIONAL IMPLICATIONS FOR THE ACADEMIC INSTITUTIONS.

NEW ACADEMIC PROGRAMS ARE BEING PLANNED; COOPERATIVE ACTIVITIES HAVE BEEN INITIATED; AND INDUSTRIAL LINKAGES ARE BEING FORMED... CONSULTING BETWEEN FACULTY MEMBERS AND INDUSTRIAL REPRESENTATIVES, JOINT APPOINTEES, PROVIDING PART-TIME FACULTY MEMBERS, JOINTLY SHARED FACILITIES, PERSONNEL EXCHANGE, IN-PLANT COURSES, JOINTLY SPONSORED NON-CREDIT PROGRAMS, PROVIDING EMPLOYMENT FOR FULL-TIME FACULTY DURING SUMMER MONTHS, ETC.

ALL MANPOWER STUDIES FOR NEW PROGRAMS ARE DONE IN CONCERT WITH THE ADVISORY COMMITTEES, PURDUE UNIVERSITY, AND THE CONSORTIUM. A TYPICAL STUDY DETERMINES THE AVAILABILITY OF SUFFICIENT NUMBERS OF QUALIFIED STUDENTS AND THE NEED FOR TECHNOLOGISTS WITHIN THE FIELD BEING SURVEYED. THE COMMITTEES HELP VALIDATE OR VERIFY THE RESULTS OF THE STUDY AS IT MOVES FROM ONE STAGE TO THE NEXT. THE COMMITTEES ARE INSTRUMENTAL IN SHAPING THE PROPOSALS AS THEY PROGRESS THROUGH

THE VARIOUS STEPS REQUIRED FOR APPROVAL AND ULTIMATE FUNDING BY THE GENERAL ASSEMBLY.

GUEST/HOST AGREEMENT

FACULTY

THE "HOST" INSTITUTION IS INDIANA UNIVERSITY, AND PURDUE IS THE "GUEST." THE FULL-TIME "GUEST" STAFF MEMBERS ARE REGULAR EMPLOYEES OF THE "GUEST" INSTITUTION. THESE STAFF MEMBERS RECEIVE THEIR FRINGE BENEFITS AND ARE COVERED BY THE FISCAL POLICIES AND PROCEDURES OF THE "GUEST" INSTITUTION. THIS INCLUDES TIAA, INSURANCE, UNEMPLOYMENT AND WORKMEN'S COMPENSATION, LONG-TERM DISABILITY, VACATION, SICK LEAVE, PROMOTIONAL INCREASES, SABBATICALS, RETIREMENT, AND OTHER BENEFITS. UPON CONSULTATION WITH THE CHANCELLOR OF THE "HOST" INSTITUTION, TENURE MAY BE ACQUIRED WITH PURDUE UNIVERSITY UNDER THE POLICIES AND PROCEDURES WHICH SPECIFY THAT "TENURE IS EFFECTIVE ONLY AT THE PARTICULAR CAMPUS OF THE UNIVERSITY WHERE IT IS ACQUIRED."

SALARIES ARE ESTABLISHED JOINTLY BY THE "HOST" AND "GUEST"

INSTITUTIONS AT A LEVEL NECESSARY TO EMPLOY OR RETAIN QUALIFIED FACULTY MEMBERS. THE "GUEST" INSTITUTION IS REIMBURSED BY THE "HOST" INSTITUTION FOR 100% OF THE SALARIES OF THE "GUEST" STAFF MEMBERS, PLUS ALL OF THE COSTS RELATED TO COMPENSATION.

PART-TIME FACULTY (AS DEFINED BY THE "HOST" INSTITUTION) TEACHING "GUEST" COURSES ARE PAID DIRECTLY BY THE "HOST" INSTITUTION. THE ADJUNCTS ARE CONSIDERED "HOST" INSTITUTION FACULTY MEMBERS AND COVERED BY THE "HOST" INSTITUTION'S BENEFITS AND POLICIES. THE DIRECTOR OF THE DIVISION OF PURDUE TECHNOLOGY REPORTS TO THE DEAN OF THE SCHOOL OF TECHNOLOGY AT WEST LAFAYETTE.

<u>OPERATING RESPONSIBILITY</u>

OPERATING RESPONSIBILITY FOR "GUEST" PROGRAMS OR COURSES REST WITH THE "HOST" UNIT AND WITH THE FOLLOWING UNDERSTANDING:

A. SPECIFIC APPROVAL FOR THE OFFERING OF INDIVIDUAL "GUEST" <u>COURSES AND PROGRAMS</u> IS SECURED IN WRITING BY THE "HOST" UNIT FROM THE SCHOOL OF TECHNOLOGY OF THE PARENT INSTITUTION.

1) APPROVAL OF FACILITIES AND EQUIPMENT.

2) APPROVAL OF TEXTS AND INSTRUCTIONAL MATERIALS, INCLUDING LIBRARY MATERIALS.

3) APPROVAL OF STAFF (USING FORMS AND PROCEDURES SPECIFIED BY THE PARENT INSTITUTION).

B. STUDENTS ARE ADMITTED TO "GUEST" PROGRAMS OR COURSES BY THE "HOST" UNIT UNDER ADMISSION REQUIREMENTS AND POLICIES CONSISTENT WITH THOSE IN EFFECT FOR THE SAME PROGRAMS OR COURSES AT THE PARENT INSTITUTION. THE SUPERVISION OF ADMISSIONS TO "GUEST" PROGRAMS OR COURSES ARE THE RESPONSIBILITY OF THE ADMISSIONS OFFICER OF THE PARENT INSTITUTION.

THE ADMISSIONS OFFICER OF THE PARENT INSTITUTIONS HAVE DEVELOPED WORKABLE ADMISSIONS PROCEDURES TO COVER ANY SPECIAL CONDITIONS OR PROBLEMS RESULTING FROM "GUEST" PROGRAM OR COURSE OPERATION.

C. REGISTRATION PROCEDURES AND POLICIES FOR STUDENTS IN "GUEST" PROGRAMS OR COURSES HAVE BEEN DEVELOPED BY THE REGISTRATION OFFICERS OF THE TWO PARENT INSTITUTIONS. ACADEMIC CREDIT FOR ALL "GUEST" COURSES OR PROGRAMS ARE RECORDED ONLY BY THE "HOST" INSTITUTION.

STUDENT FEES

THE "HOST" INSTITUTION USING ITS FEE SCHEDULE COLLECTS AND RETAINS ALL FEES OF STUDENTS ENROLLED IN THE "GUEST" INSTITUTION'S COURSES AND PROGRAMS. HOWEVER, THE GRADUATION FEE IS COLLECTED BY THE "GUEST" INSTITUTION.

THE "HOST" INSTITUTION IS CREDITED WITH THE ENROLLMENT COUNT WHICH RESULTS FROM OFFERING THE "GUEST" INSTITUTION'S COURSES AND PROGRAMS, AND THE "HOST" INSTITUTION INCLUDES THIS INFORMATION IN ITS FUND REQUEST TO THE GENERAL ASSEMBLY.

CAPITAL EQUIPMENT AND SUPPLY AND EXPENSE COSTS

ANY AND ALL COSTS RELATIVE TO THE PURCHASE, MAINTENANCE, AND REPLACEMENT OF EQUIPMENT SPECIFIED FOR THE LABORATORIES BY THE

"GUEST" INSTITUTION IS BORNE BY THE "HOST" INSTITUTION. SUPPLIES, INSTRUCTIONAL AND LIBRARY MATERIALS, AND "GUEST" FACULTY TRAVEL COSTS ARE PAID BY THE "HOST" INSTITUTION. THE "HOST" INSTITUTION PAYS FOR ADVERTISING, TRAVEL, AND INTERVIEW COSTS OF PROSPECTIVE "GUEST" INSTITUTIONAL STAFF. ALL PROGRAM ACCREDITATION EXPENSES ARE PAID BY THE "HOST" INSTITUTION.

ADMINISTRATIVE SERVICE COSTS

BECAUSE THE "HOST" INSTITUTION RECEIVES THE FEE INCOME AND STATE APPROPRIATIONS FOR THE ENROLLED "GUEST" STUDENT, THE "HOST" INSTITUTION REIMBURSES THE "GUEST" INSTITUTION FOR THE ADMINISTRATIVE SERVICE COSTS NECESSARY TO PROVIDE THE ACADEMIC SUPERVISION FOR THE "GUEST/HOST" PROGRAMS. IN ADDITION TO THE REIMBURSEMENT FOR FULL-TIME "GUEST" STAFF MEMBERS, THE "HOST" INSTITUTION REIMBURSES THE "GUEST" INSTITUTION $3,000 FOR THE FIRST $40,000 NECESSARY TO COVER THE SALARIES FOR THE "GUEST" STAFF MEMBERS. ALSO, THE "HOST" INSTITUTION

REIMBURSES THE "GUEST" INSTITUTION AT THE RATE OF 5% FOR SALARIES FOR "GUEST" STAFF MEMBERS ABOVE THE $40,000 BASE FIGURE.

PROCEDURE FOR PAYMENT

THE "GUEST" INSTITUTION BILLS THE "HOST" INSTITUTION FOR THE SALARIES, FRINGE BENEFITS, AND ANY OTHER FACULTY AND ADMINISTRATIVE SERVICE COSTS FOR EACH FISCAL YEAR (JULY 1-JUNE 30), NOT BEFORE JANUARY 1 AND NOT LATER THAN APRIL 30 OF EACH YEAR. THIS BILLING INCLUDES ACTUAL CHARGES FROM JUNE 1-DECEMBER 31 AND ESTIMATED CHARGES FROM JANUARY 1-JUNE 30. ADJUSTMENTS OF ANY DIFFERENCES AND ACTUAL COSTS ARE MADE THE FOLLOWING YEAR.

A REVIEW OF THE FISCAL AGREEMENT CAN BE INITIATED BY EITHER INSTITUTION WHEN DEEMED APPROPRIATE. THE AGREEMENT IS IN EFFECT FOR THREE YEAR PERIODS.

STATEWIDE SYSTEM OF TECHNOLOGY

PURDUE OFFERS TECHNOLOGICAL PROGRAMS AT EACH OF ITS CAMPUSES AND AT THREE INDIANA UNIVERSITY CAMPUSES UNDER THE "GUEST/HOST" ARRANGEMENT. VINCENNES UNIVERSITY, INDIANA STATE AT TERRE HAUTE AND

EVANSVILLE, BALL STATE, AND SEVERAL INDEPENDENT COLLEGES HAVE SIMILAR TECHNOLOGICAL PROGRAMS. HOWEVER, THERE ARE A NUMBER OF AREAS IN THE STATE WHERE NO SUCH PROGRAMS EXIST DESPITE THE NEEDS OF BOTH INDUSTRY AND RESIDENTS.

THE STATEWIDE SYSTEM PERMITS THE PURDUE WEST LAFAYETTE SCHOOL OF TECHNOLOGY TO OFFER APPROPRIATE PROGRAMS IN AREAS OF THE STATE WHERE A NEED EXISTS, BUT NO PROGRAMS ARE AVAILABLE. IN ADDITION, IT IS BELIEVED THIS STRUCTURE WILL SERVE AS A MORE SATISFACTORY METHOD OF OPERATING THESE PROGRAMS NOW UNDER A "GUEST/HOST" ARRANGEMENT.

IN ANY AREA OF THE STATE NOT SERVED BY AN APPROPRIATE TECHNOLOGY PROGRAM AND WHERE A NEED IS BELIEVED TO EXIST, THE PURDUE OFFICE OF MANPOWER STUDIES WILL CONDUCT A SURVEY TO DETERMINE THE NATURE AND EXTENT OF THE NEED. IF A PARTICULAR PROGRAM WERE FOUND TO BE JUSTIFIED, PURDUE WOULD THEN ORGANIZE SUCH A PROGRAM THROUGH A CONTRACT WITH A LOCAL EDUCATIONAL INSTITUTION: A REGIONAL CAMPUS, INDEPENDENT COLLEGE, OR INDIANA VOCATIONAL TECHNICAL INSTITUTE.

THE DEGREE AUTHORIZATION WOULD HAVE TO BE OBTAINED FROM THE COMMISSION FOR HIGHER EDUCATION.

PURDUE ADMITS THE STUDENT TO ITS SCHOOL OF TECHNOLOGY AT WEST LAFAYETTE AND PROVIDES THE FUNDING OF THE PROGRAM FROM A COMBINATION OF FEES AND ALLOCATIONS FROM A SPECIAL LINE APPROPRIATION FOR THE STATEWIDE TECHNOLOGY PROGRAM. ON A CONTRACTUAL BASIS, THE COOPERATING INSTITUTION PROVIDES COURSES TO STUDENTS ACCORDING TO PURDUE SPECIFICATIONS. PURDUE EMPLOYS FACULTY NECESSARY TO TEACH THE SPECIALIZED TECHNOLOGY COURSES NOT AVAILABLE AT THE LOCAL INSTITUTION.

FOR INDIANA UNIVERSITY REGIONAL CAMPUSES HAVING THESE PROGRAMS, THE FULL STATE APPROPRIATION SUPPORTING THESE PROGRAMS ARE MADE TO THE STATEWIDE TECHNOLOGY BUDGET. THE STUDENTS ADMITTED TO THE PROGRAMS ARE CHARGED THE FEES ESTABLISHED FOR THE RESPECTIVE CAMPUS, WITH THE GENERAL SERVICE FEE PORTION TRANSFERRED TO THE STATEWIDE TECHNOLOGY BUDGET FROM INDIANA UNIVERSITY. THE STATEWIDE TECHNOLOGY

PROGRAM CONTRACTS WITH THE CAMPUS FOR ALL ENROLLMENTS IN SUPPORT COURSES NECESSARY FOR THESE STUDENTS AND PROVIDES DIRECTLY THE SUPPORT FOR THE TECHNOLOGY COURSES AND LABORATORIES. ADDITIONAL LIBRARY HOLDINGS ARE PROVIDED BY THE STATEWIDE TECHNOLOGY PROGRAM AND BECOMES ITS PROPERTY, NOT THE PROPERTY OF THE CAMPUS.

AT INDEPENDENT INSTITUTIONS WHERE THESE PROGRAMS MIGHT BE OFFERED, FEES COMPARABLE TO THOSE OF PURDUE UNIVERSITY ARE CHARGED. A CONTRACTUAL AGREEMENT IS MADE WITH THE "HOST" INSTITUTION FOR THE NON-TECHNOLOGY COURSES AND OTHER SERVICES REQUIRED. STATE APPROPRIATIONS TO SUPPORT THESE STUDENTS ARE MADE TO THE STATEWIDE TECHNOLOGY BUDGET.

FOR BUDGETARY REQUESTS, ALL COST ESTIMATES ARE BASED ON AVERAGE COSTS INCURRED AT THE PURDUE CAMPUSES FOR SIMILAR PROGRAMMATIC OFFERINGS. IN 1983-84, THESE COSTS WERE ESTIMATED TO BE APPROXIMATELY $3,800 PER FTE STUDENT.

IF THE NEEDS OF A PARTICULAR REGION CHANGED OR CEASED TO EXIST,

THE OFFERINGS WILL BE ALTERED OR ABOLISHED. USE IS MADE OF TELEVISED INSTRUCTION, AND LOCAL FACILITIES ARE TO BE UTILIZED WHENEVER POSSIBLE. AS CURRENTLY ENVISIONED, ELECTRICAL ENGINEERING TECHNOLOGY, MECHANICAL ENGINEERING TECHNOLOGY, COMPUTER INTEGRATED MANUFACTURING, AND COMPUTER TECHNOLOGY WILL BE THE PROGRAMS IN GREATEST DEMAND.

IT IS BELIEVED THE STATEWIDE SYSTEM OF TECHNOLOGY WILL ASSIST IN THE ECONOMIC DEVELOPMENT OF THE STATE AND WILL RESULT IN:

THE EDUCATION OF MORE AND BETTER TRAINED HIGHLY SKILLED SCIENTIFIC AND TECHNICAL PERSONNEL IN THE HIGHEST DEMAND DISCIPLINES;

A BROADER GEOGRAPHICAL DISTRIBUTION OF THIS EDUCATIONAL OPPORTUNITY ACROSS THE STATE;

AN EXPANSION OF RESEARCH PERTINENT TO INDIANA AGRICULTURE AND INDUSTRY; AND

INCREASED ACCESS TO THE KNOWLEDGE AND EXPERTISE OF PURDUE FOR BUSINESS AND INDUSTRY.

SUMMARY

THE INDIANA UNIVERSITY, PURDUE UNIVERSITY, AND THE CONSORTIUM APPROACH TO PLANNING AND MANAGING ACADEMIC PROGRAMS IN TECHNOLOGY, INCLUDING THE ADMINISTRATION OF THE HUMAN, FISCAL, AND PHYSICAL RESOURCES NEEDED TO UNDERGIRD THESE PROGRAMS, IS SOMEWHAT UNUSUAL. BECAUSE OF THE HIGH COSTS OF DELIVERING HIGH TECHNOLOGY PROGRAMS, THE DEARTH OF QUALIFIED FACULTY, A MISSION AND CURRICULAR EXPERTISE INDIGENOUS TO A LAND-GRANT UNIVERSITY, AND THE ELIMINATION OF UNNECESSARY DUPLICATION OF PROGRAMS AND EQUIPMENT, THE UNIQUENESS OF THE CURRENT AND PROPOSED ARRANGEMENTS BETWEEN PURDUE AND INDIANA UNIVERSITIES, AND INDIANA UNIVERSITY AND THE CONSORTIUM, MIGHT WELL SERVE AS A PARADIGM FOR OTHER COLLEGES AND UNIVERSITIES AS THEY APPROACH THE DEVELOPMENT AND DELIVERY OF ACADEMIC PROGRAMS IN TECHNOLOGY.